

GREGOR, M.

The basic research on silicates. Silikaty 5 no.1:86-88 '61.

1. Riaditel Ustavu anorganické chemie, Slovenska akademie
vied.

PRIEHRADNY, Stanislav, dr.; GREGOR, Mijulas, prof., dr., inz.

On the problem of using bentonites for increasing soil fertility.
Agrochem 2 no.2:28-33 '62.

1. Vyskumny ustav agrochemickej technologie, Bratislava (for Priehradny).
2. Glen korespondent Slovenskej akademie vied; Ustav anorganickej chemie Slovenskej akademie vied, Bratislava.

GREGOR, M., dr. (Bratislava, Czechoslovakia); HIVES, L. (Bratislava, Czechoslovakia)

Potash balance in the cement shaft kilns and possibility of
producing potash. Epitoanyag 14 no.2:41-47 F '62.

GREGOR, M.

1. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.
2. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.
3. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.
4. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.
5. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.
6. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.
7. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.
8. Leipzig, Conference Center, Vol. 1, No. 1, March 1942
Development of the Chemical Industry of the German Democratic Republic in 1942 and the Tasks of the Chemical Industry (Leipzig, 1942) pp. 122-131.

GREGOR, M.

"Hydrophile property of clays and clayey minerals" by F. D. Ovcarenko.
Reviewed by M. Gregor. Chem zvesti 16 no.3:239-240 Kr '62

1. Glen korespondent Slovenskeje akademie vied.

GREGOR, Mikulas, prof., dr., inz.; IZAKOVA, Kristina, inz.

Slovak active earths (6). Chem zvesti 16 no.6:463-473 Je '62.

1. Ceskoslovenska akademie ved, Ustav anorganickej chemie Slovenskej akademie vied, Bratislava. 2. Clen korespondent Slovenskej akademie vied (for Gregor), Adresa autorov: Bratislava, Kollorovo namesti 2, Chemicky pavilon, Slovenska vysoka skola technicka

BENA, Jan, doc., inz., CSc.; GREGOR, Mikulas; BIZMAR, Jozef, inz.

Examination of the formation of sulfate sulfur in roasting
Chinese molybdenite concentrate. Chem zvesti 17 no.10/11:
765-775 '63.

1. Katedra anorganickej technologie, Slovenska vysoká škola
technická, Bratislava, Kollarovo namesti 2. 2. Glen Kores-
pondent Slovenskej akademie vied (for Gregor).

GREGOR, M.; JESENÁK, V.; BICEK, D.

Effect of dolomite and dolomitic limestone on the decomposition of ammonium nitrate. Chem prum 14 no.12:619-625 D '64

1. Chair of Inorganic Technology of the Faculty of Chemistry of the Slovak Higher School of Technology, Bratislava, (for Gregor and Jesenak).
2. Chemicke zavody J. Dimitrova, Sala nad Vahom (for Bicek).

GREGOR, Mikulas

Chemical industry in Sweden. Chem prum 15 no.1:60-61 Ja '65.

1. Higher School of Technology, Bratislava.

GREGOR, M., prof. inz.; HINES, I., inz. CSc.

Production of portland cement in shaft kiln from a charge enriched by two percent of K_2O in order to acquire potassium salts. Stavica 13 no. 14-11 '65.

1. Slovak Higher School of Technology, Bratislava.

GREGORA, O., inz.

Standardization. Automobil Cz 8 no.4:30 Ap '64.

GREGORA, O., inz.

International standardization. Automobil Cz 8 no.5:34
My '64.

1949, O., MASNY, J. and SEMERÁK-MOJEJSE, F.
Clinical experience with Czechoslovakian penicillin

Paragraph 2831 Casonis Lekarů Ceských, Prague 1949, 88/45 (1297-1300 Graphs I Tables 3
Amorphous penicillin of Czechoslovakian origin was administered to 17 patients
and 12 control subjects without inflammatory affections. The results were the
same as with imported penicillin and no hyperthermia was observed.

SO: Section II Vol. 1 No. 1-6

GREGOR, O.

Certain new media in the control of bacterial diseases. Cas. lek. cesk.
89 no. 24:698-700 16 June 50. (CLML 19:4)

1. Of the Fourth Internal Clinic (Head—Prof. B. Prusik, M.D.)

GREGOR, O.

Treatment of peptic with Filatov's tissue extract. Sborn pathofysiol.
trav. vys. 5 no.6:357-362 1951. (GIML 23:2)

DEMANT, F.; GREGOR, O.

Scheme of Maslov's filters in pediatric ambulatoria. Pediat. listy,
Praha 6 no.6:362-363 Nov-Dec 51. (CIML 21:5)

GREGOR, O.;TION, F.

Liver function disorders in peptic ulcer. Sborn pathofysiol. trav.
vys. 6 no. 1-2:34-36 July 1952. (CLML 22:4)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M. D.) of
Charles University, Prague.

FUCIK, M.; GREGOR, O.; SOUKUPOVA, K.

Prothrombin level in peptic ulcer. Sborn. pathofysiol. trav. vys.
6 no. 4-6:283-286 Dec 1952. (CML 24:1)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.) of
Charles University, Prague.

6117-1,0

HYNIE, Prof. Dr; CERMAK, L., Dr; GREGOR, O., Dr; POKORNY, J., Dr

Anticoagulant therapy of priapism with pelentan in chronic myeloid leukemia. Cas.lek.cesk. 91 no.44:1259-1260 31 Oct 52.

1. Ze IV. interni kliniky (prednosta: prof. dr. Prusik) a Sexuologického ustavu (prednosta: prof. dr Hynie).

(COUMARIN, derivatives,

ethyl biscoumacetate, ther. of priapism in myeloid leukemia)

(PRIAPISM, therapy,

ethyl biscoumacetate, in myeloid leukemia)

(LEUKEMIA, MYELOCYTIC, complications,

priapism, ther., ethyl biscoumacetate)

GREGOR, O.

NEUMAN, J.; KORBELAR, O.; GREGOR, O. "Miocardial Complications in the Course of Diseases of the Bile Ducts." p. 48. (Casopis Lekaru Ceskych. Vol. 93, no. 2, Jan. 1954. Praha).

SO: Monthly List of ^{East European} ~~Russian~~ Accessions, Vol. 3, No. 6, June ⁴ 195~~3~~, Uncl.

GREGOR, Ota; STRIBRNA, Jar

Pathogenic problems in peptic ulcer and hypertension. Ces. lek.
cesk. 93 no.50:1374-1377 10 Dec 54.

1. I Int. klinika (prednosta: prof. Dr M. Netousek)
 (PYPTIC ULCER,
 low incidence in hypertension)
 (HYPERTENSION,
 low incidence in peptic ulcer)

DRUGS U MS

GREGOR, O.As. Dr.; KOHOUT, J., As. Dr.; KORBVA, L.As. Dr.

Neuroregulatory function of stomach in various physiological and pathological conditions in experiments with animals and in the clinic. Cas. lek. česk. 44 no.12:300-301 18 Mar 55.

1. Z I. interni kliniky; predn. prof. Dr.M. Netousek
(CENTRAL NERVOUS SYSTEM, physiology
stomach funct. & pathol. cond. in animals)
(STOMACH, physiology
role of CNS in funct. & pathol. cond. in animals)
(PEPTIC ULCER, etiology and pathogenesis
role of CNS)

GREGOR, Ota, MUDr.

New possibilities of functional examination of gastric secretion in practice. Sborn. lek. 57 no.7:176-190 Sept 55.

1. Asistent I. interni Kliniky. Prednosta: prof. Dr. M. Netousek.
(GASTRIC JUICE,
exam.)

~~SALEPPIA PULICA~~ Sec.6 Vol.10/10 Internal Medicine Oct56

6209, GREGOR O. Příspěvek ke studiu změny kardiovaskulárního systému na podráždění mechanoreceptorů žaludku u lidí; Neuroregulační činnost žaludku za fyziologických i patologických podmínek část druhá. A contribution to the study of cardiovascular changes in response to stimulation of the mechanoreceptors of the stomach in man ČAS. LÉK. ČES. 1956, 95, 6 (152-155) Graphs 3 Tables 1

It was found that following stimulation of the mechanoreceptors of the stomach by inflating a balloon to 250 ml., patients with peptic ulcer react with higher blood pressure changes than a control group. The differences are statistically significant. The results show a connection between the disturbed vascular reaction and stimulation of the interoceptors of the stomach in ulcer patients. It is thought that this fact is evidence of the disturbed equilibrium between the processes of excitation and inhibition in the CNS of ulcer patients.

HYGIENE MEDICA Sec. 6 Vol. 11/7 July 57
GREGOR O.

4161. GREGOR O. 1. Intern. Klin., KU. Praha. Uropepsin a perniciozní anemie.
Uropepsin in pernicious anaemia ČAS. LÉK. ČES. 1956, 95 56
(1378-1383) Graphs 1 Tables 5

The average value for uropepsin in a group of healthy individuals was 35.6 U. The uropepsin levels were investigated in 131 patients with pernicious anaemia and the average value was 2.01 U. In a control group of 19 patients with histaminoresistant anacidity, but without pernicious anaemia, the average values were 7.04 U. Statistical interpretation leads to the conclusion that there is a significant difference in uropepsin levels between the group of patients with pernicious anaemia and that of healthy controls as well as between the group of subjects suffering from pernicious anaemia and those in whom only histamino-resistant anacidity was found. This fact is of certain diagnostic value in establishing the diagnosis of pernicious anaemia.

ELCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1602. THE STABILITY OF UROPEPSIN - Gregor O. and Kalousek F.
I. Clin. of Intern. Dis., Charles' Univ., Prague - PHYSIOL. BOHEM. 1958,
7/3 (335-338) Tables 3

Proteolytic activity in urine remains stable for at least 3 days when the urine is stored at room temperature, and even longer when it is stored in a refrigerator. Proteolytic activity in the same specimen of acidified urine remains virtually unchanged for several hours on storing the urine in an incubator at 37° C. Activation usually occurs after 30 min., the maximum being reached in 1 hr., after which it practically does not change further. The following conclusions may be drawn for practical application: When determining uropepsin in urine, the best method is to leave the acidified urine for 60 min. in an incubator at 37° C. (if desired it can be left for 2-3 hr.). The urine can be stored in a refrigerator for 3 days, with a maximum limit of 14 days. Even when it is left for short periods at room temperature, no important changes in proteolytic activity occur. Hahn - Prague

GREGOR, Ota, kand.med.nauk (Praga)

Considerations on uropepsin [with summary in English]. Klin.med.
37 no.2:51-59 F '59. (MIRA 12:3)

1. Iz Pervoy kliniki vnutrennikh bolezney (dir. - doktor med.nauk
prof. M. Netoushek).
(UROPEPSIN,
(Rus))

GREGOR, Ota; VOLEK, Vladimir; VOSLAROVA, Zdenka

Screening for anacid states as precancerous conditions of the
stomach. Cas.lek.cesk. 99 no.7/8:212-213 19 F.'60.

1. I. int. klinika KU v Praze, prednosta prof.dr. M. Netousek.
(STOMACH NEOPLASMS diag.)
(ACHYLIA GASTRICA diag.)

GREGOR, O.; SEFKA, J.; BEDNAR, B.; JIRASEK, A.

Gastric biopsy in pernicious anemia. Cas. lek. cesk. 99 no. 17:
528-531 22 Ap. '60.

1. I. interni klinika KU, prednosta prof. dr. M. Netousek,
- II. interni klinika KU, prednosta prof. dr. Fr. Heries, I.
patologicko-anatomicky ustav, prednosta doc. dr. B. Bednar.
(ANEMIA PERNICIOUS pathol.)
(STOMACH pathol.)

HOLY, J.; GREGOR, O.; KUCEROVA, L.; KREJCA, M.

The diagnostic value of functional changes of the gastric antrum
Cas.lek.cesk 99 no.32/33:989-1000 12 Ag '60.

1. I klinika chorob vnitřních KU v Praze, přednosta prof. dr.
M.Netousek.

(STOMACH dis.)

(STOMACH NEOPLASMS diag.)

MACEK, Z.; GREGOR, O.

~~On the problem of the publication of textbooks for medical schools.~~
Cas.lek.cesk.99 no.44:1399-1401 28 0 '60.

(PUBLISHING)
(EDUCATION MEDICAL)

GREGOR, O.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliation:

Source: Prague, Prakticky Lekar, Vol 41, No 11, 1961, pp 492-495.

Data: "Present State in the Therapy of Ulcers."

Authors: GREGOR, O., Docent, MD, First Internal Clinic of the Faculty of General Medicine, KU /Karlova university; Charles University/ (I. interni klinika fakulty vseobecneho lekarstvi KU), Prague; Director: Prof V. Hoenig, MD.

METYS, J., MD, Research Institute of Pharmacy and Biochemistry

Vyzkumny ustav pro farmacii a biochemii, Prague;
Director: Dr Engr O. NEMECEK.

870 981643

GREGOR, OTA

FRANK, EDWARD LAKELAND, VED VED, No 2, 100-1007 156-
COPYRIGHT 1940 EDWARD LAKELAND, INC. 156-1007 156-1007 156-
in VED VED, FRANK, 1940.

1. "Precious Blood," Duane J. BBT 77 12-12.

2. Transfer & Easement is a Prohibited Use because it transfers the use of the property to a third party, and the use of the property is not a permitted use. (See the definition of "Prohibited Use" in the Ordinance.)

[illegible][illegible]

5. Types of neurons in the brain are 2 types: afferent and efferent (Carried the impulses) afferent = going away from the CNS, efferent = away from (towards) the CNS and neural muscle fibers.

7. The addition of paraformaldehyde to suspension of cells, fixation and processing of material for electron microscopy (see below) is described in the following section.

1. Section 100, Chapter 100, Act 100, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 240

4-2-6

GREGOR, Ota

Scientific approach in medical practice. Cas.lek.cesk 100 no.19:
586-590 12 My '61.

1. I interni klinika KU v Praze, prednosta prof. dr. V. Hoenig.

(MEDICINE)

GREGOR, O.; BEDNAR, B.; JIRASEK, A.; VOGLAROVA, Z.; HANIK, L.

The importance of achlorhydria as a functional correlation in atrophic gastritis. A contribution to the early diagnosis of cancer of the stomach. Cas. lek. cesk. 101 no.29/30:893-895 20 J1 '62.

1. I interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. V. Hoenig - I patologickoanatomicky ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. B. Bednar.

(STOMACH NEOPLASMS diag) (GASTRIC JUICE chem)
(GASTRITIS chem)

GREGOR, O.; BEDNAR, B.; PAVROVSKY, J.; MOSLAROVA, Z.; JIRASEK, A.

Indication for resection of th stomach in the precancerous state.
Contribution to early diagnosis of cancer of the stomach. Cas. lek.
cesk. 101 no.29/30:895-899 20 J1 '62.

(STOMACH NEOPLASMS diag) (GASTRECTOMY)

VOLEK, V.; GREGOR, O.; Technická spolupráce: PAPEZOVÁ, R.

Gastric lactate dehydrogenase in achlorhydria. Contribution to the early diagnosis of stomach cancer. Cesk. gastroent. vyz. 17 no.5:266-270 JI '63.

1. I interní klinika fakulty všeobecného lékařství KU v Praze, přednosta prof. dr. V. Hoenig, DrSc.

(ACHLORHYDRIA) (LACTATE DEHYDROGENASE)
(STOMACH NEOPLASMS) (ANEMIA, PERNICIOUS)
(NEOPLASM DIAGNOSIS)

GREGOR, O.; ANDRYSEK, O.; BEDNAR, B.; VANECKOVA, O., doc. dr.; HANIK, L.;
SISTEK, V.

Diagnosis of stomach cancer with P32. Acta univ. Carol. [med]
(Praha): Suppl. 18: 69-75 '64.

1. I. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. V. Hoenig); Biofysikalni
ustav fakulty vseobecneho lekarstvi University Karlovy v Praze
(prednosta: doc. dr. Z. Dienstbier); I. patologickoanatomicky
ustav fakulty vseobecneho lekarstvi University Karlovy v Praze
(prednosta: prof. dr. B. Bednar) a Chirurgicke oddeleni fakultni
nemocnice II (prednosta: doc. dr. O. Vaneckova).

JIRASEK, V.; GREGOR, O.

A few genealogical problems in peptic ulcer. Acta univ. Carol.
[med] (Praha): Suppl. 18: 177-183 '64.

I. I. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. V. Hoenig) a I. interni
klinika pediatricke fakulty University Karlovy v Praze (pred-
nosta: prof. dr. Vl. Jedlicka).

GREGOR, Pal

It has been suggested by an innovator. Nagy vasut 8 no. 9:

5 4-MY '64.4.4.

5 4-MY '64.4.4.

STER, Radoslav, inz., saradnik (Kupska 2, Zagreb); GREGOR, Stanislav, inz.,
saradnik

Geophysical investigations of petroleum deposits in Yugoslavia.
Tehnika Jug 17 no.6:Suppl.: Rudarstvo metalurg 13 no.6:1089-1098
Je '62.

1. Poduzeće za primenjenu geofiziku "Geofizika," Zagreb.

SECRET VOLTECH

Decomposition of gem-cyano nitroso compounds. Voltesh
Czerny (Tech. Univ. Prague). Chem. Abstr. 51: 13341a (1957); cf. C.A. 51: 11334a. Refluxing a soln. of 4.4 g. 1-nitrosocyclohexyl cyanide (I) in 45 ml. PhMe in N₂ atm. caused at 54° a sudden exothermic reaction. The boiling of the blue soln. was accompanied by a violent evolution of NO and towards the end of the reaction (2 hrs.) resulted in decolorization. The mixt. cooled, evapd. and the volatile compds. sep'd. by steam-distn. gave in the oily residue 17.65 g. tris(1-cyanocyclohexyl)hydroxylamine (II), m. 146-45° (from MeOH); the steam-distd. volatile products extd. with Et₂O, the ext. evapd. and the residue (15.5 g.) distd. gave in the fraction b_p 100-10° 7.5 g. 1-nitrocyclohexyl cyanide (III), b_p 121°, m. 55.5-6° (MeOH-petr. ether). Similar treatment of 9.56 g. α-nitrosoisobutyronitrile in 37.5 g. C₆H₆ gave in the oily fraction 2.21 g. nitroisobutyronitrile, b_p 90-1°, m. 34-5° (petr. ether), and in the volatile fraction 3.5 g. tris(2-cyano-2-propyl)hydroxylamine, m. 79° (Et₂O petr. ether). Heating soln. of 5.2 g. 1,1'-azobis(1-cyclohexyl cyanide) (IV) in 50 ml. PhMe 8 hrs. to 111° while passing a slow stream of NO dild. with N₂, replacing NO with N and evapg. the mixt. in vacuo gave 4.78 g. II; from the mother liquors was obtained 0.05 g. 1,1'-dicyano-1,1'-dicyclohexyl (V), m. 224.5-5.5° (Me₂CO). Thermal decompn. of azobis(isobutyronitrile) in NO atm. proceeded in conformity with the results of Gingras and Waters (C.A. 49, 4557f). Analogous treatment of IV (4.89 g.) but in a stream of NO₂ dild. with N gave 1.7 g. V in the oily fraction and 2 g. III in the volatile fraction. 1/2

Vojtech Gregor

Adding portionwise 16.31 g. I to 20 ml 65% HNO₃, stirring the mixt. 15 min., cooling the spontaneously warmed blue oil to 10° and keeping 14 hrs. gave 13.75 g. III. II failed to add H when hydrogenated over PtO₂ in dioxane. The mechanism of formation of the above mentioned compds. is explained on the basis of radical mechanism and the course of the reaction of azodicyano compds. with NO and NO₂ is discussed.

L. J. Urbánek

3
2/2
M

Country	: Czechoslovakia	G-2
Category	:	
ADA No.	:	45782
Author	: <u>Gregor, V.</u>	
Inventor	: <u>Not given</u>	
Title	: The Decomposition of Geminal Cyanonitroso Compounds	
Orig. Pub.	: Collection Czechoslov Chem Commun; 23, No 9, 1782-1787 (1958)	
Abstract	: See RZhKhim, No 24, 1958, 81557.	

Card: 1/1

GRACE, Victor, ...

Head of Photogrammetry Laboratory, Faculty of Civil
Geodesy and Surveying, Bratislava.

1. Chair of Geodesy of the Slovak Higher School of Technology,
Bratislava.

GREGOR, V.

"Effect of Welding Parameters and Technological Conditions on the Strength of Spot Welds on Sheets of Soft Steel. " p. 141 (SVARACSKY SBORNIK. Vol. 2, No. 1/2, 1953; Bratislava, Czech.)

So: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 4, April 1955, Uncl..

GREGOR, V.

Effect of short-circuit current on the carrying capacity of spot welded joints. p. 65, ZVARANIE (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva) Bratislava, Vol. 3, No. 3, Apr. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

GREGOR, V.

Mechanical testing of spot welded joints, p. 369, ZVARANIE (Ministerstvo
hutneho prumyslu a rudnych bani a Ministerstvo strojarstvo) Bratislava,
Vol. 3, No. 12, Dec. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4th, No. 12, December 1955

WASACZY, V.

Electric resistance welding of concrete reinforcement material. p. 307.
WASACZY "BUDNIK". (Slovenska akademia vied) Bratislava. Vol. 4, no.
2, 1955.

WASACZY: East European Accessions List, Vol. 4, no. 2, September 1955

Gregor, Vladimir

✓13620* (Slovak.) Mechanical Properties of Bonded Joints
of Light Metals. Mechanické vlastnosti lepených spojů z
lehkých kovů. Vladimír Gregor. Zdranie, v. 5, no. 4, Apr.
1956, p. 112-113.
Foreign and Czechoslovak progress in bonding light metals.
Mechanical properties of two adhesives. Effect of temperature
on notch toughness of these resins when solidified. Static and
dynamic loading tests of bonded Al alloys.

Metal
Joint

of
Joint

GREGOR, V.
~~Gergor, Vladimir~~

✓13623* (Czech.) Mechanical Properties of Bonded Joints of
Light Metals. *Mechanické vlastnosti lepených spojů z
lehkých kovů.* Vladimir Gergor. *Zdravie*, v. 5, no. 5, May
1956, p. 141-143.

Comparison of the bonding qualities of two bonding materials,
upon 1001 B, and 1200 F. Both adhesives resist corrosion.

photo
Metal
Struct

of VAW

LPH

GREGOR, V.

Strength of some automobile parts under alternating strain. p. 2.

ZVARANIE. (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva)
Bratislava, Czechoslovakia, Vol. 8, no. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959
UNCL

COUNTRY : CZECHOSLOVAKIA
CATEGORY :
ABS. JOUR. : RZhKhim., No. 1959, No. 8(51)
AUTHOR : Wichterle, O.; Gregor, V.
INST. :
TITLE : Addition of Dienes to Geminal Cyano-Nitroso
Compounds.
ORIG. PUB. : Collect. Czechosl. Chem. Commun., 1959, 24,
No 4, 1158-1169
ABSTRACT : See RZhKhim, 1958, No 8, 25211.

CARD:

150

GREGOR, Vladimir, inz.,kandidat technickych ved.

Strength properties of welded joints of steel 10523.9.
Zvar sbor 9 no.3:277-303 '60

1. Vyskumny ustav zvaracsky, Bratislava.

23171

Z/032/61/011/007/002/003
E073/E335

12300

AUTHOR: Gregor, V., Engineer, Candidate of Sciences
TITLE: Strength of Welded I-beams Made of the Steel
10523.9
PERIODICAL: Strojirenství, 1961, Vol. 11, No. 7, pp.522-524
TEXT: Experiments were carried out on the strength of
I-beams hand-welded in the middle on both flange plates and the
web. Some of the beams had longitudinal, others had transverse
central reinforcing ribs, 15 mm thick. Some of the beams were
welded in the preheated state and some without preheating
(machined or non-machined butt-welding of the flange plates).
The flange plates were 40 mm thick, the thickness of the
upright reinforcing rib was 15 mm, the height of beams 330 mm,
their total length 1500 mm. The following variants were tried:
1. The beams were welded without preheating with unmachined
butt-welds of the flange plates and with reinforcing ribs in
the transverse direction, as shown in Fig. 1a (neobrobené -
not machined; obrobené - machined; predohrev - preheating).
Card 1/4

23171

Z/032/61/011/007/002/005

E073/E335

Strength of Welded I-beams

2. Same as (1) but with the reinforcements welded-on longitudinally, as shown in Fig. 1b.
 3. The beams were welded without preheating with machined butt-welds of the flange plates and with reinforcing ribs welded as shown in Fig. 1a.
 4. Beams were welded after preheating to 350 °C with machined welds of the flange plates and reinforcements as shown in Fig. 1b.
 5. Beams welded after preheating to 350 °C with machined butt-welds of the flange plates and reinforcements welded in the transverse direction as shown in Fig. 1a.
- The welding process was the same as is specified for welding in erection work. The tests were made by means of a hydraulic pulsator with a maximum force of 100 tons and a speed of 250 or 500 r.p.m. During the tests the distance between the supporting points was 1 200 mm. To prevent shocks in the machine the minimum load was 5 000 kg. The tests showed that with machined butt-weld a safety coefficient of 1.0 can be achieved. Only in the case of reinforcing ribs
- Card 2/4

23171

Strength of Welded I-beams

Z/032/61/011/007/002/003
E073/E335

which are transversely welded-on will the results calculated
according to the specifications correspond with the real
conditions.

There are 3 figures and 3 Czech references.

ASSOCIATION: VUZ, Bratislava

Card 3/4

GREGOR, Vladimir, inz. CSc.

Shape stability of some welded joints of ship hulls.
varianle 13 no. 7:199-202 J1 '64.

1. Research Institute of Welding, Bratislava.

CZECHOSLOVAKIA

GREGOR, V.

HABBAUER, S; PLESKE, J; ORDOGA, V

Nuclear Research Institute, Czechoslovak Academy
of Sciences, Rez near Prague (for all)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 3, March 1966, pp 1261-1267

"Chemistry of Boranes. Part 2: Thin layer chroma-
tography of non-ionic boron compounds."

L 10595-66

ACC NR: AP6004050

SOURCE CODE: CZ/0024/65/000/001/0017/0020

AUTHOR: Gregor, Viktor (Engineer)

ORG: Department of Geodesy, SVST, Bratislava (Katedra geodezie SVST)

TITLE: Application of photogrammetry for special purposes in high mountains

SOURCE: Geodeticky a kartograficky obzor, no. 1, 1965, 17-20

TOPIC TAGS: photogrammetry, hydrology, botany, high voltage line, geographic survey

ABSTRACT: Some of the work of the Institute in the High Tatra Mountains is described. Photographic surveying has provided the basis for botanical research, for the measurement of profiles for very high voltage lines and of mountain lakes for hydrological research. Org. art. has: 7 figures and 1 table. [JPRS]

SUB CODE: 08 / SUBM DATE: none

UDC: 529.74:528.93

L 38703-66	EEC(k)-2/EWP(1)	IJP(c)	BB/GG/GD
ACC NR: AT6017139	SOURCE CODE: UR/0000/65/000/000/0197/0203		
AUTHOR: <u>Gregor, Ye.; Makhova, V.</u>			
ORG: <u>"Aritma" National Enterprise, Prague</u> (Natsional'noye predpriyatiye "Aritma")			
TITLE: <u>"Aritma" computing-perforating machines and their uses</u>			
SOURCE: Sovet ekonomicheskoy vzaimopomoshchi. Postoyannaya komissiya po koordinatsii nauchnykh i tekhnicheskikh issledovaniy. Sredstva i metody mekhanizatsii podgotovki i poiska nauchno-tekhnicheskoy informatsii, inzhenernogo i upravlencheskogo trudy (Means and methods for mechanizing the preparation and research of scientific and technical information and of engineering and control work); lektsii, pročitannyye na vystavke "Inforga-65" v maye-iyune 1965 g. Moscow, 1965, 197-203			
TOPIC TAGS: computer, office machine, <i>data processing equipment</i>			
ABSTRACT: <u>Data processing</u> ¹⁰⁰ equipment, based on 90-bit cards, is described. The efficiency of the 90-bit card is particularly stressed. The use of special "dual cards" which serve simultaneously as the primary document and data processing card is mentioned. The complete Aritma series consists of: 1. T150 alphanumeric card perforator. 2. T610 alphanumeric controller for checking perforated cards. 3. T220 alphanumeric sorting machine with a capacity up to 700 cards. Speed: 60,000 operations per hour. 4. T320 alphanumeric listing machine. 5. T710 card reproducing machine. Reproduces up			
Card 1/2			

L 38703-66

ACC NR: AT6017139

to 99 copies and corrects erroneously punched cards. 6. T720 card analyzing-reproducing machine. Reproduces cards, changes order of card column data, compares up to 20 columns of data, sorts and queues. 7. T520 computer-perforator. Relay computer, with speed of 8000 operations per hour; performs all 4 basic arithmetic operations. The data are read from punched cards and the results are punched on the same card or on another one. Several examples of the use of Aritma equipment in industry are described. [14]

SUB CODE: 09,15/ SUBM DATE: none

Card 2/2 SW

GREGOR, Z.

8.1-199

551.513.2 551.513.8:523.74

2

Gregor, Z. and Křivský, L., Kolísání frontální zóny v oblasti Atlantiku a Evropy během roku a ve vztahu k sluneční aktivitě. [Variation of the frontal zone during the year in the area of the Atlantic and Europe in relation to solar activity.] *Meteorologické Zprávy*, Prague, 5(5):122-121, 1952. 4 maps, 15 refs. English summaries p. 122, 125. DLC. English version in: Ondřejov. *Astrofyzikální Observatoř, Publikace*, No. 23:5-35, 1953. Russian summary p. 33-34. DWB—In certain months the mean condition of the circulation may be illustrated quite well by the mean position of a frontal zone. The position of the frontal zone is a complement of the pressure distribution. The secular variation of the mean position of frontal zone is determined and related to the solar activity expressed by EIGENSON's index, A of sunspot occurrence. Especially marked effects are found for Jan., April and July. The results presented on maps are expressed as deviations from the mean frequency of frontal zones. The deviations were determined for years of minimum and maximum sunspot occurrence. Subject Headings: 1. Frontal zone variation 2. Sunspot effects 3. Circulation patterns.—Author's abstract.

See

et
myl

Gregor, Zdenek

7:8-91

551.509.312:551.511:551.553.8

✓ Gregor, Zdenek. Rozbor povětrnostní situace provázené orkánem na území ČSR, ze dne 17. ledna 1955. [Analysis of the meteorological situation accompanied by a gale over Czechoslovakia on Jan. 17, 1955.] *Meteorologické Zprávy*, Prague 8(3):80-82, June 1955. 6 figs., 4 refs. Russian summary p. 80. DWB—A low-pressure area which advanced from the Bermudas to the northeast over the Atlantic Ocean regenerated over the British Isles on an Arctic front and moved over the European continent. The development of dynamic pressure changes is analyzed according to the advective dynamic method and Sutcliffe's method and results obtained with the two methods are compared. *Subject Headings:* 1. Dynamic pressure changes 2. Advective dynamic analysis 3. Gales 4. Czechoslovakia.—*Trans. of author's abstract.*

WV

GREGOR, Z.

GREGOR, Z. Long-range changes in the Atlantic-European frontal zone in relation to climate. p. 144. Vol. 9, no. 5/6, Dec. 1956.
METEOROLOGICKE ZPRAVY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

GREGOR, Z.

Orographic deformation of southeast air streams in central Europe. p.3.
(Meteorologické Zpravy, Vol. 10, No. 1, Feb. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

GREGOR, Zdenek; VITEK, Vojtech

Waves and vortices in easterly flow in West Africa. *Studia
geophys* 7 no.1:53-67 '63.

1. Hydrometeorological Institute, Prague, Komorany u Prahy,
No.1, p. Modrany; Laboratory of Meteorology, Czechoslovak
Academy of Sciences, Praha 4 - Sporilov, Bocni II.

GREGOR, Z., RNDr.

Atmospheric precipitation in the annual cold season in
Czechoslovakia; extreme years. Meteor apravy 16 no.3/4:
92-95 Ag '63.

1. Hydrometeorologický ústav, Praha.

GREGOR, Z.

Weather in the Guinea Republic in relation to the air circulation over West Africa. Meteor. zpravy 15 no.1:1-8 F'62

1. Hydrometeorologicky ustav, Praha.

ANSCHERLIK, Arnost, inz. (Praha); GREGORA, Otakar, inz. (Praha);
BOHM, Ferdinand (Praha)

Method and equipment for the measurement of solid particle quantity
in flowing gases. Energetika Cz 13 no.6:336 Je '63.

GREGORA, O., inz.

Standardization. Automobil Cz 8 no.8:34 Ag'64

GREGORA, O., inz.

Remarks on the Law No.94/1964 Collection of Laws on Technical
Standardization. Automobil Cz 8 no.9:30 S '64.

GREGORA, O., irz.

Standardization. Automobil Cz 8 no.10:30 0 '64.

1964.

standardization in the field of highway motor vehicles in the
member states of the Council of Mutual Economic Assistance in the
years 1960-1970. Automobil 82 8 no. 11:30 11 64.

SECRET, 1971.

Abundant in the atmosphere 1.02 S at 1000 ft.

GREGORA, O., inz.

Standardization. Automobil Cz 9 no.3:30 Mr '05.

RAKOVICH, M. [Rakovic, M.]; GREGORA, V.; VENIGOVA, G. [Venigova, H.]

Excretion of chlorine ions by irradiated rats. Radiobiologia 4
no.5:782-783 '64. (MIRA 38:4)

1. Biofizicheskiy institut fakul'teta obshchey meditsiny Karlova
universiteta, Praga.

RABAN, P.; JIRSKA, M.; GREGORA, V.

Deiodination of rose bengal ^{131}I in vitro by rat organ homogenates.
Physiol. Bohemosl. 13 no.5:462-466 '64.

1. Department of Biophysics, Faculty of General Medicine, and
Laboratory for Haematology and Liver Diseases, First Medical
Clinic, Charles University, Prague.

ONDRACKOVA, J.; RAKOVIC, M.; GREGORA, V.

Effect of radiation on ion metabolism in rat salivary glands.
Cas.lek.cesk. 103 no.11:295-298 13 Mr'64.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v
Praze; prednosta: doc.dr. Z.Dienstbier.

*

L 16801-63

EWT(1)/BDS/ES(j) AFTC/ASD AR/K

ACCESSION NR: AP3004277

S/0241/63/008/007/0068/0071

AUTHOR: Rakovich, M.; Gregora, V.

TITLE: Radiosodium excretion in rats after total irradiation

SOURCE: Meditsinskaya radiologiya, v. 8, no. 7, 1963, 68-71

TOPIC TAGS: sodium excretion, total irradiation, Na, sodium

ABSTRACT: This investigation was carried out because other studies contradict one another. Edelman describes an increase in sodium excretion and Bowers and Scott describe a decrease. Three groups of rats were totally x-irradiated by a "Makrofos" unit in doses of 1000, 600, and 200 r. 24 hrs prior to irradiation the animals were injected intraperitoneally with 2 microcuries of Na^{22} in a 0.2 ml physiological solution. After irradiation the animals received their normal rations of food and water. A large volume gamma detector (constructed by the Institute) with six Geiger-Mueller tubes was used to determine total activity of the animals. Urine and feces were collected daily. A large volume counter was used to measure the activity of urine samples. The feces were weighed, burned, and activity was measured with a Geiger-Mueller end-window counter. It was

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L 16801-63

ACCESSION NR: AP3004277

found that after total x-irradiation excretion of Na^{22} for 600 and 1000 r doses is significantly retarded, but it is not retarded for 200 r. In the urine the change in Na^{22} excretion is caused by its considerable retardation. In the feces the daily amount of sodium excreted is much smaller than in the urine because of the general decrease in feces excretion after irradiation. The author agrees with the findings of Bowers and Scott, but not with their explanation. Bowers and Scott theorize that the organism has the capacity to regulate kidney excretions when there is significant sodium loss resulting from diarrhea. But this is contrary to the findings of this investigation because the sodium excreted with the feces does not increase. The author points out that the organism does not receive sodium after irradiation because of loss of appetite and this may be an important factor. The effect of loss of appetite, the capacity of the organism to regulate kidney excretion, and sodium concentration in the blood plasma should be determined for further clarification of decreased sodium excretion after irradiation. Orig. art. has: 4 tables, 3 figs.

ASSOCIATION: Fakul'tet obshchey meditsiny* Biofizicheskogo instituta Karlova Universiteta, Prague (General Medicine Faculty of the Biophysics Institute of Charles University)

Card 2/35

RABAN, F.; GREGORA, V.

Purification and purity control of substantive azo dyes by
adsorption chromatography. Chem prum 14 no.7:359-362 Ji '64.

J. Institute of Biophysics, Faculty of General Medicine, Charles
University, Prague.

JIRSA, M.; RADAN, P.; GREGORA, V.

Adsorption chromatography of water-soluble dyes used in biology and medicine. Cas. lek. cesk. 104 no.7:195-197 19 F'65.

1. Laborator pro patofyziologii krvetvorne soustavy a jater fakulty vseobecneho lekarstvi Karlovy University v Praze pri I. interni klinice, (prednosta: prof. dr. V. Hoenig); Bio-fyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: doc. dr. Z. Dienstbier).

DUCHON, J.; GREGORA, Vl.; PECHAN, Zd.

On melanins and melanogenesis. Acta univ. carol. [med.] Suppl. 14:
279-289 '61.

1. II, ustavu pro lekářskou chemii fakulty všeobecného lékařství
University Karlovy v Praze, přednosta prof. dr. J. Sula Onkologický
ústav v Brně, biochemické oddělení vedoucí dr. Zb. Brada.
(MELANIN chem) (MELANOMA chem)

ZDNEK GREGORA

GREGORA, ZDNEK

Changes in alkali-resistant hemoglobin in infants with whooping cough. Stanislav Hájek, Zdeněk Gregora, Eduard Mšick, and Rudolf Kryl (Ústav soudní lékařství LFHUKU, Prague). *Časopis lékařů českých* 96, 109-113 (1967).—Changes were studied in 7-18 month old infants. A relation was found between the amt. of alkali-resistant hemoglobin and the state of the subjects at a given time.

A. Zentick

4

GREGOR, Z.

Atmospheric precipitation in the vegetative period in Czechoslovakia;
extreme years. Meteor zpravy 15 no.2:29-33 '62.

1. Hydrometeorologicky ustav, Praha.

HAJEK, S.; GREGORA, Z.; STEFAN, J.; KRAL, Z.; CHYBA, J.; RUZICKA, L.;
DOBRKOVSKY, M.; DOLEZALOVA, J.

Analysis of 147 fatal thermic injuries. Acta chir. plast. 5
no.3:193-204 '63.

1. Medical Faculty of Hygiene, Charles University, Prague
(Czechoslovakia) Department of Pathology and Forensic Medicine
Director: Doc. J. Stolz, M.D. Department of Health Organization,
Medical Faculty of Hygiene, Prague Director: Prof. F. Blaha,
M.D. The Burns Unit of the Clinic of Plastic Surgery, Charles
University, Prague Director: Academician F. Burian.
(BURNS) (MORTALITY) (PATHOLOGY)
(ACCIDENT PREVENTION)

GREGORA, Z.

Liver damage in burns. Acta chir. plast. 5 no.3:211-219 '63.

1. Institute of Forensic Medicine, Medical Faculty of Hygiene,
Charles University, Prague (Czechoslovakia) Director: Stanislav
Hajek, M.D.

(BURNS) (LIVER DISEASES)
(SHOCK, TRAUMATIC) (PATHOLOGY)

GREGORAC, F.

Separation of lead and zinc ore in the Mezic Mine. p.1747. TEHNIKA.
Beograd. Vol. 10, no.12, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, No. 6, June 1956

GREGOR 1

The Wemco flotation installation in Mexico. Franz
Gregorac. Z. Erzbau u. Metallhüttenw. 9, 428-30 (1950).
The ores are galena, Zn blende, white lead ore, and Zn
spar. Flotation methods are described. H. Stoerz

1

GREGORASZCZUK, M. : ZURAWSKI, L.

Centrifugal Blowers in Cupola Furnaces, p. 206.

PRZEGLĄD ODLEWNICTWA (Stowarzyszenie Techniczne Odlewników Polskich)
Kraków, Poland
Vol. 9, no. 7, July 1959.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,
November 1959.
Uncl.

GREGORASZCZUK, Mirosław, ~~inż.~~, inż.

Calculation of the pressure drop in the cupola furnace.
Przegl odlew 11 no.11:329-335 '61.

GREGORASZCZUK, Mirosław, mgr. inż.

Indicating the shaking mechanism of a pneumatic molding machine.
Przegl idlew 13 no. 8/9:206-212 Ag-S '63.

GREGORAUSKAS, M.; LURIE, U., red.; PAKERYTE, O., tekhn. red.

[Soviet Lithuanian agriculture, 1940-1960] Tarybu Lietuvos
zemes ukis, 1940-1960. Vilnius, Valstybine politines ir mok-
slines literaturos leidykla, 1960. 462 p. [In Lithuanian]
(MIRA 15:1)

(Lithuania--Agriculture)

L 6536-66 EWT(1)/FS(v)-3 DD'

ACC NR: AP5027168

SOURCE CODE: PO/0056/65/016/005/0727/0737

AUTHOR: Jozkiewicz, S. — Yuzkovieli, S. (Professor, Doctor, Director); Puchalik, M. —
Pukhalik, M. (Professor, Doctor, Director); Cygan, Z. — Tsygan, Z.; Drozd, M. —
Drozhdz, M.; Gregorczyk, J. — Gregorchik, Ya.; Grzesik, J. — Gzhelik, Ya.; Krzoska, K.
— Kshoska, K.; Lewandowska-Tokarz, A. — Levandovska-Tokazh, A.; Stanosek, J. —
Stanosek, Ya.; Zak, T. — Zhak, T.

ORG: Institute of Physiological Chemistry, Silesia AM, Zabrze-Rokitnica (Zaklad Chemii
Fizjologicanej Sl. AM); Institute of Medical Physics, Silesia AM, Zabrze-Rokitnica (Zaklad
Fizyki Lekarskiej Sl. AM)

TITLE: Investigation of the effect of sonic and ultrasonic fields on biochemical processes.
IX. Effect on some blood components in men working under noisy conditions

SOURCE: Acta physiologica polonica, v. 16, no. 5, 1965, 727-737

TOPIC TAGS: human physiology, working condition, man, medical experiment, biologic
vibration effect, sound, ultrasonic field, acoustic biologic effect

ABSTRACT: The levels of blood glucose, pyruvic acid, ascorbic acid, proteins, protein
fractions, nonprotein nitrogen, phospholipid phosphorus, and the activities of aminotrans-
ferase and aldolase were determined in 80 persons to study the effect of noisy working condi-
tions on the workingman. The test subjects were employed in a large industrial establishment

Card 1/2

L 6536-66

ACC NR: AP5027168

and exposed to vibration and noise. All were in relatively good health. The control group consisted of workers in the same factory, but not exposed to a noisy environment. The results showed the following: a decrease in blood sugar, phospholipid phosphorus, and ascorbic acid; an increase in protein, albumin, and nonprotein nitrogen. The gamma globulin, however, showed a decrease. There was a slight increase in aspartic aminotransferase and alamine aminotransferase, and a slight decrease in aldolases. The results of determinations of other components studied, different from those in guinea pigs, are discussed. Orig. art. has: 9 tables.

SUB CODE: PH, LS / SUBM DATE: 09Nov64 / ORIG REF: 000 / OTH REF: 021

aw

Card 2/2

SECRET.

Contributions of the Slovenian industry to the supply of equipment
for Yugoslav electric industries. p. 43. ELEKTROPRIVREMA. (Zajednica
jugoslovenska elektroprivreda) Beograd. Vol. 9, no. 8, Aug. 1956.

SOURCE: East European Accessions List, (EAL), Library of Congress,
Vol. 5, no. 12, December 1956

STANOSEK, J.; BOJARSKI, Z.; JAHNS, K.; GREGORCZYK, J.; MODZELEWSKA, H.

Gamma-glutamyl transpeptidase activity and serum bilirubin diglucuronide level in viral hepatitis and their comparison with other liver tests. Pol. tyg. lek. 20 no.38:1407-1409 20 S '65.

1. Z Kliniki Chorob Zakaznych Slaskiej AM w Bytomiu (Kierownik: prof. dr. med. Karol Szymonski) i z Katedry i Zakladu Chemii Fizjologicznej Slaskiej AM w Zabrze-Rokitnicy (Kierownik: prof. dr. Stanislaw Jozkiewicz).

STANCSEK, Jozef; GREGORZYK, Janusz; LEWANDOWSKA-TOKARZ, Anna

Studies on the effect of prolonged vertical vibrations of low frequency on biochemical disorders in guinea pigs. I. Effect on the activity of alanine and aspartate aminotransferase in the blood serum and liver of the guinea pig. Med. dosw. mikrobiol. 16 no.4:347-353 '64.

1. Z Katedry i Zakladu Chemii Fizjologicznej Slaskiej Akademii Medycznej w Zabrze-Rokitnicy (Kierownik: prof. dr. S. Jozkiewicz).

GREGORIC, Fedor, inz.

Practical tests on the influence of corrosion on aerial
aluminum and steel conductors. Elektroprivreda 17 no. 2:
80-83 F '64.